

CLAIMS:

1. A method for processing a transaction in a transaction processing system, comprising the steps of,
5 for a plurality of transaction types, associating each one of the plurality of transaction types with at least one of a plurality of central processing units, and, on receipt of a transaction request from a client, determining the transaction request type, locating the associated central
10 processing unit, and forwarding the transaction request to the associated central processing unit.
2. A method in accordance with claim 1, comprising the further step of measuring the resource usage of a particular transaction type and utilising the resource
15 usage data to allocate the transaction type to a central processing unit.
3. A method in accordance with claim 2, wherein the resource usage data includes data indicative of the number of transactions of a particular type are processed
20 relative to other transaction types.
4. A method in accordance with claim 3, wherein the resource usage data includes data indicative of the amount of computing resources required to process a transaction.
5. A method in accordance with claim 4, wherein at least
25 one less intensive transaction type shares processing time on a CPU with at least one another less intensive transaction type.
6. A system for processing transactions in a transaction processing system, comprising, association means arranged
30 to associate each one of a plurality of transaction types with at least one central processing unit, and allocation means arranged, on receipt of a transaction request from a client, to determine the transaction request type, locate.

the associated central processing unit, and forward the transaction request to the associated central processing unit.

7. A system in accordance with claim 6, further
5 comprising means to obtain resource usage data of at least one transaction type, wherein the resource usage data is employed by the allocation means to allocate the transaction type to a central processing unit.
8. A system in accordance with claim 7, wherein the
10 resource usage data includes data indicative of the number of transactions of a particular type which are processed relative to other transaction types.
9. A system in accordance with claim 8, wherein the
15 resource usage data includes data indicative of the amount of computing resources required to process a transaction type.
10. A method for affinitizing a transaction type to a central processing unit, the method comprising the steps of, for each transaction type, providing resource usage
20 data indicative of the amount of computing resources required to process a transaction type, and using the resource usage data to associate each transaction type to at least one central processing unit.
11. A computer program arranged, when loaded on a
25 computing system, to implement the method of any one of claims 1 to 5.
12. A computer readable medium providing a computer program in accordance with claim 11.